

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
AND
U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

NEBR. DEPT. OF AGR. & INSPECTION
DIVISION OF AGR'L STATISTICS
AND
AGRICULTURAL EXTENSION SERVICE
OF NEBR. COLLEGE OF AGR.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

RELEASED 6/7/49 11:00 A.M.

WEEK ENDING 6/6/49

WEATHER TEMPERATURES AVERAGED NEAR OR SLIGHTLY ABOVE NORMAL DURING THE WEEK, WITH LITTLE DAILY RANGE AND NO EXTREMES. THERE WAS MUCH CLOUDINESS, HUMIDITY WAS HIGH, AND THERE WAS LITTLE WIND. PRECIPITATION FELL IN THE FORM OF LOCAL SHOWERS, WHICH RANGED FROM LIGHT TO MODERATE OVER MOST OF THE STATE, BUT A FEW STATIONS RECEIVED EXCESSIVE WASHING AND FLOODING RAINS.

MAY WAS SLIGHTLY WARMER AND CONSIDERABLY WETTER THAN NORMAL. THIS WAS THE WETTEST MAY SINCE 1938. THERE WAS MUCH CLOUDY, HUMID WEATHER, AND EVAPORATION WAS VERY LOW, EXCEPT FOR THE FIRST THREE DAYS. A BRIEF EXTREMELY HOT SPELL WHICH OCCURRED EARLY IN THE MONTH BROUGHT THE ONLY 90° TEMPERATURES, AND CULBERTSON RECORDED 100° ON THE 3RD, FOR THE HIGHEST TEMPERATURE OF THE MONTH. THE AVERAGE PRECIPITATION, BY DIVISIONS, TOGETHER WITH DEPARTURES FROM NORMAL, WAS AS FOLLOWS:

EASTERN DIVISION	5.05	+ 4.09	CENTRAL DIVISION	4.79	+1.44
WESTERN DIVISION	3.84	+ 0.99	STATE (WEIGHTED)	4.58	+1.18

CROPS ABOUT 89 PERCENT OF THE CORN WAS PLANTED UP TO SATURDAY AS COMPARED WITH 67 PERCENT A WEEK AGO SATURDAY. ADDITIONAL RAINS PREVENTED COMPLETION OF THE JOB. SOME OF THE BOTTOM FIELDS ARE SO WET IT MAY BE SOME TIME YET BEFORE THEY CAN BE PLANTED. THERE ARE MANY REPORTS OF REPLANTING BECAUSE OF HEAVY WASHING RAINS. ALSO, CUT WORMS ARE SEVERE NECESSITATING FURTHER REPLANTING. EARLIER CORN IS BEING CULTIVATED BUT MUCH OF IT IS VERY LATE, WITH NEARLY 25 PERCENT OF THE CORN BEING PLANTED LAST WEEK. PROBABLY THE BEST THAT CAN BE SAID IS THAT THE ENTIRE STATE HAS A SPLENDID RESERVE OF SUBSOIL MOISTURE. THE RETURNS INDICATE SOME IMPROVEMENT IN THE CONDITION OF CORN.

WINTER WHEAT SHOWED SOME IMPROVEMENT DURING THE PAST WEEK. OFFSETTING THIS IMPROVEMENT BROUGHT ABOUT BY MOISTURE AND FAVORABLE GROWING CONDITIONS IS THE UNUSUALLY SEVERE INFESTATION OF APHIDS AND THE DEVELOPMENT OF ORANGE LEAF RUST. TWELVE COUNTIES REPORTED DAMAGE FROM HAIL LAST WEEK. MOSAIC IS ALSO FOUND, ESPECIALLY IN THE SOUTHERN COUNTIES. IN WESTERN NEBRASKA, SOME OF THE WHEAT THAT CAME UP THIS SPRING DIDN'T GET THE FREEZE AT THE PROPER TIME AND IS THEREFORE TRAILING LIKE GRASS AND WILL NOT FORM HEADS. THERE ARE LOTS OF THIN STANDS AND WEEDS. ALL OF THESE FACTORS ARE TENDING TO CHECK MAXIMUM DEVELOPMENT FROM THE FAVORABLE CONDITIONS FOR GROWTH. REGARDLESS, WHEAT HAS BEEN TURNED OUT BETTER THAN EXPECTED AND THAT SITUATION COULD HAPPEN AGAIN THIS YEAR.

THERE IS STILL A LOT OF COMMENT REGARDING THE YELLOWING OF OATS AND TO SOME EXTENT, BARLEY. IN ADDITION TO PLANT APHIDS, PART OF THIS YELLOWING MAY BE DUE TO LACK OF NITROGEN SINCE THE COLD, WET SOIL HAS NOT BEEN TOO FAVORABLE FOR MAXIMUM DEVELOPMENT OF NITRATES. FURTHERMORE, HEAVY RAINS CAUSED SOME LEACHING OF NITRATES, LACK OF SUNSHINE MAY BE ANOTHER FACTOR. HOWEVER, OATS MAY STAGE A COMEBACK AND CAN YET PRODUCE A SATISFACTORY CROP IF THE WEATHER REMAINS FAVORABLE UNTIL HARVEST. QUITE OFTEN, LATE OATS ARE INJURED BY HIGH TEMPERATURES IN THE EARLY PART OF JULY WHEN THE GRAIN IS FILLING. THERE IS SOME COMPLAINT OF CHINCH BUGS IN BARLEY.

THE HARVEST OF WHAT APPEARS TO BE A RECORD YIELD FOR THE FIRST CROP OF ALFALFA CONTINUES. THE HARVEST OF SOME COUNTIES IS NEARLY COMPLETED AND IN OTHERS, RAINS HAVE DELAYED HARVESTING. RAINS HAVE REDUCED THE QUALITY SOMEWHAT AND ALSO THE HEAVY RANK GROWTH HAS A TENDENCY TO IMPAIR QUALITY. THE OUTLOOK FOR WILD HAY CONTINUES MOST EXCELLENT. PASTURES THROUGHOUT THE STATE HAVE SELDOM IF EVER BEEN BETTER FOR THIS DATE.

GRASSHOPPERS ARE LATE THIS YEAR DUE TO THE COLD, WET WEATHER BUT ARE NOW HATCHING OUT BY THE MILLIONS. IF THE WEATHER TURNS DRY, GRASSHOPPERS MIGHT DO SERIOUS DAMAGE BECAUSE OF THE LARGE NUMBERS. THERE HAVE BEEN A FEW REPORTS OF HESSIAN FLY AND SOME DAMAGE MAY BE EXPECTED IN WESTERN NEBRASKA. THE WET SEASON HAS BEEN HIGHLY FAVORABLE FOR GREEN BUGS OR PLANT APHIDS AND ALSO FOR CUT WORMS. CONTINUED WET WEATHER COULD BE DETRIMENTAL TO GRASSHOPPERS AND CHINCH BUGS. WEATHER CONDITIONS SO FAR HAVE BEEN HIGHLY FAVORABLE FOR LEAF RUST AND OTHER PLANT DISEASES.

ABOUT ONE THIRD OF THE SORGHUM HAS BEEN PLANTED. THE FARM CROP OF POTATOES ARE DOING NICELY. PREPARATION OF LAND FOR THE LATE POTATO CROP IN WESTERN NEBRASKA CONTINUES. PLANTING OF DRY EDIBLE BEANS IS MAKING PROGRESS AND SOME OF THE EARLIER PLANTINGS OF BEANS ARE UP. BLOCKING AND THINNING OF SUGAR BEETS CONTINUES.

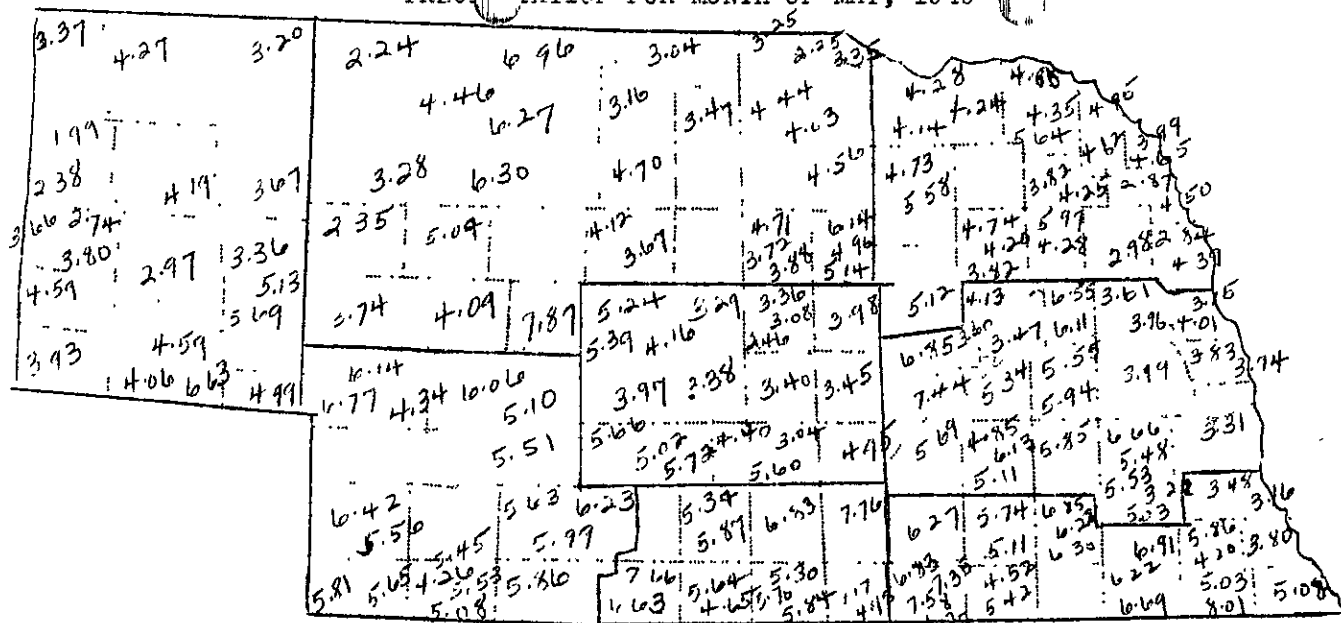
LIVESTOCK CATTLE ARE DOING FINE IN THE LUXURIOUS PASTURES THROUGHOUT THE STATE. GOOD PASTURES ARE STIMULATING HIGH MILK PRODUCTION. PIG SURVEY CARDS ARE BEING RECEIVED AND THE RESULTS WILL BE AVAILABLE LATER IN THE MONTH.

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE.)

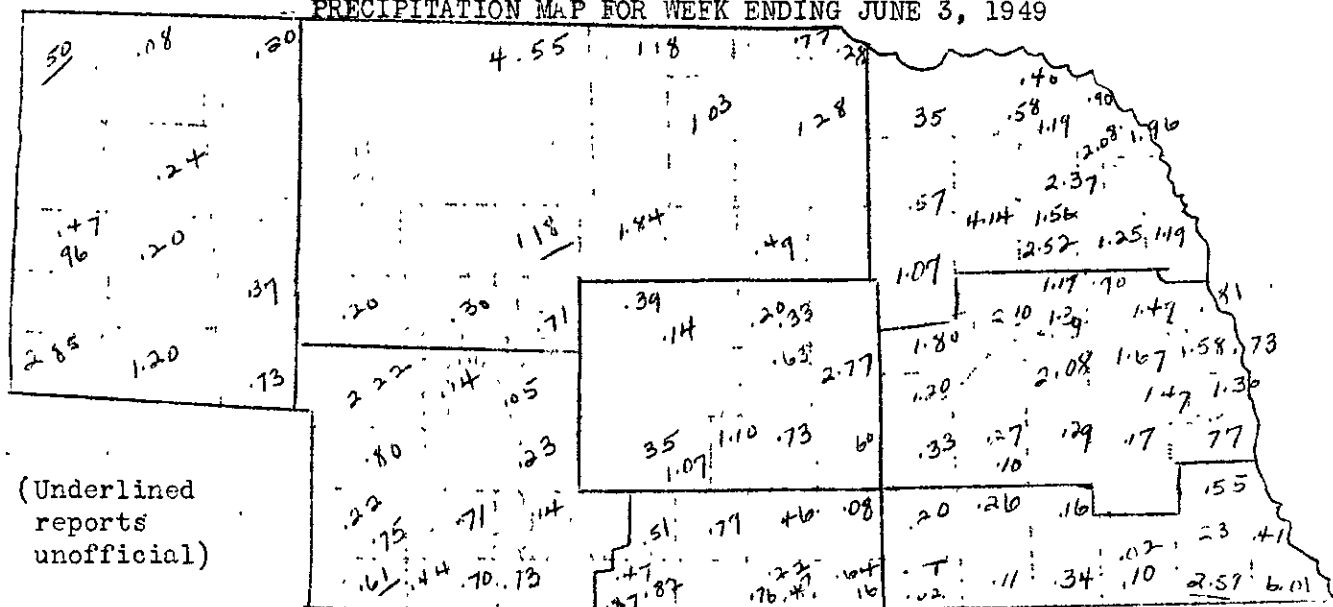
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING JUNE 6, 1949

EASTERN DIVISION	EASTERN DIV., CONT	CENTRAL DIVISION	WESTERN DIVISION
ALBION .82	HASTINGS .40	BROKEN BOW .21	ALLIANCE .23
AUBURN .52	LINCOLN .21	BURWELL .46	GHADRON .34
BEATRICE .82	NORFOLK 3.39	CAMBRIDGE .37	CULBERTSON .69
COLUMBUS .221	OAKDALE .54	HOLDREGE .93	HAYES CENTER .76
FAIRBURY 1.25	OMAHA .73	NORTH LOUP .24	KIMBALL 2.92
FAIRMONT .17	RED CLOUD 1.94	NORTH PLATTE 0	SCOTTSBLUFF 1.14
FALLS CITY 6.26	ST. PAUL 3.14	O'NEILL .64	SIDNEY .49
FREMONT 1.42	TAKAMAH .81	RAVENNA 1.11	
GRAND ISLAND .62	WAKEFIELD 2.08	VALENTINE .78	
HARTINGTON .40	YORK .70		
AVERAGE THIS WEEK	1.32	0.53	0.94
TOTAL SINCE APRIL 1	8.80	6.85	6.29
NORMAL SINCE APRIL 1	7.49	6.46	5.59

PRECIPITATION FOR MONTH OF MAY, 1949



PRECIPITATION MAP FOR WEEK ENDING JUNE 3, 1949



(Underlined reports
unofficial)

HIGHEST AND LOWEST TEMPERATURES (for 24 hours ending 6:30 a.m.)

		May		June											
		31st		1st		2d		3d		4th		5th		6th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	87	49	79	43	71	46	69	44	73	45	92	48	79	56
	Scottsbluff	85	52	77	44	70	40	66	46	65	51	60	54	78	50
	Sidney	83	52	73	45	73	38	66	49	66	51	55	51	73	51
N-C	Burwell	87	66	82	51	74	53	72	52	--	--	--	--	77	57
	Valentine	82	62	70	51	76	53	68	50	74	53	67	53	79	58
NE	Norfolk	82	62	84	57	75	55	75	53	75	62	69	57	77	59
	Sioux City	83	62	88	60	73	41	77	51	77	61	76	54	81	60
Cen	Grand Island	85	65	81	55	84	53	76	55	77	62	69	59	75	57
E-C	Lincoln	82	66	85	69	83	60	83	59	74	63	75	62	77	61
	Omaha	83	66	85	70	81	61	82	60	75	62	74	60	80	62
SW	Hayes Center	82	66	83	53	82	49	74	54	73	57	60	56	76	58
	North Platte	83	66	80	48	83	50	69	51	74	58	62	55	78	59

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